

TWO-STAGE EJECTION MECHANISM OF CARD CONNECTOR

ABSTRACT OF THE DISCLOSURE

The present invention provides a two-stage ejection mechanism of card connector which includes a frame, a slider, a slider pin and a spring. The frame forms a cam member. One end of the slider pin engages moveably with the cam member, the other end engages pivotally with the slider, and the spring can act resilience on the slider. In this way, the two-stage ejection mechanism of card connector is provided with a back and forth movement in the course of loading and unloading the card. Moreover, the slider forms directly a spring pin thereon for contacting and pressing elastically the slider pin, which prevents the spring pin and the slider pin from missing engagement. Thereby the two-stage ejection mechanism can simplify the structure and decrease the making and assembling cost for the card connector by means of the improved structure of the spring pin.